In the claims:

Claims 1-7   (Cancelled).

Claim 8.   (New) Method for achieving a visual displaying of the maintaining of specified effects in a produced fancy yarn by measuring the deviations of the yarn diameter from desired specifications, characterized in that, in the case of deviations of the yarn diameter from desired specifications both the size of the deviation and also its extent is measured in the longitudinal direction of the fancy yarn, in that only the effect regions of the fancy yarn are included for display in a two-dimensional classifying matrix known *per se* and allocated to the classes of the classifying matrix and totaled there, wherein only the regions of the fancy yarn count as effect regions, the diameter of which is at least a predetermined amount above a specified web diameter and the length of which exceeds a predetermined minimum length, the classifying matrix being divided in one dimension into longitudinal regions and in the other dimension into diameter regions and forming a class in each case by combining a longitudinal region with a diameter region.

Claim 9.   (New) Method according to claim 8, characterized in that an amount is selected, which is at least 10% above the web diameter, as the predetermined amount for the diameter.

Claim 10.   (New) Method according to claim 8, characterized in that a length of 14 mm is selected as the predetermined minimum length of the effects shown.

Claim 11.   (New) Method according to claim 8, characterized in that the effects are included over 1,000 meters of yarn length in each case.

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Claim 12.   (New) Method according to claim 8, characterized in that the limits of the classes can be changed and can be freely selected.

Claim 13.   (New)   Method according to claim 8, characterized in that seven longitudinal regions and diameter regions are selected in each case.